

P20968.P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

TO/20/01
10551 J.S. PTO

	Attorney Docket No.	P20968	Total Pages	
	Inventor(s) or Application Identifier Yasuaki YUDA, Takashi FUKAGAWA, Youichi NAKAGAWA, and Masahiro MIMURA			
	Title: DIRECTION OF ARRIVAL ESTIMATOR AND DIRECTION OF ARRIVAL ESTIMATION METHOD			

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>a. <input type="checkbox"/> Small Entity Statement(s)</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>15</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>4</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p>	<p>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>11. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>14. <input type="checkbox"/> Preliminary Amendment</p> <p>15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>1</u></p> <p>17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>18. <input checked="" type="checkbox"/> Assignee: <u>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of Osaka, JAPAN</u></p> <p>19. <input type="checkbox"/> Other: _____ _____ _____ _____</p>
<p>20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____. <i>Prior application information: Examiner: _____ Group Art Unit: _____</i> </p> <p>21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u>continuation-in-part</u>, <u>continuation</u>, <u>divisional</u>, of Application No. _____ / _____, filed _____.</p>	

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5/2/01

Date

Bruce H. Bernstein, Reg. No. 29,027
Signature *33,329*

Bruce H. Bernstein, Reg. No. 29,027
Typed or Printed Name

FEE TRANSMITTAL

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Y. YUDA et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

TOTAL AMOUNT OF PAYMENT (\$750.00)

Attorney Docket Number P20968

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089

Deposit Account Name GREENBLUM & BERNSTEIN, P.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) Applicant Claims Small Entity Status See 37 CFR 1.27.

Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION (fees effective 12/29/99)

FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	710	201	355 Utility filing fee
106	320	206	160 Design filing fee
107	490	207	245 Plant filing fee
108	710	208	355 Reissue filing fee
114	150	214	75 Provisional filing fee

SUBTOTAL (1) (\$ 710)

CLAIMS

Total Claims	Independent	Claims	Multiple Dependent Claims	Fee from below	Fee Paid
9	3	-20=	-3=	0 x 18 =	0
				0 x 80 =	0

Large Entity Fee Code

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim
109	80	209 40 Reissue independent claims over original patent
110	18	210 9 Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205 Surcharge - late filing fee or oath	65
127	50	227 Surcharge - late provisional filing fee or cover sheet	25
139	130	139 Non-English specification	130
147	2,520	147 For filing a request for reexamination	2,520
112	920*	112 Requesting publication of SIR	920*
113	1,840*	113 Prior to Examiner action	1,840*
115	110	215 Requesting publication of SIR after Examiner action	55
116	390	216 Extension for response within 1st month	195
117	890	217 Extension for response within 2nd month	445
118	1,390	218 Extension for response within 3rd month	695
128	1,890	228 Extension for response within 4th month	945
119	310	219 Extension for response within 5th month	155
120	310	220 Notice of Appeal	155
121	270	221 Filing a brief in support of an appeal	135
138	1,510	138 Request for oral hearing	1,510
140	110	240 Petition to institute a public use proceeding	55
141	1,240	241 Petition to revive unavoidably abandoned application	620
142	1,240	242 Petition to revive unintentionally abandoned application	620
143	440	243 Utility issue fee (or reissue)	220
144	600	244 Design issue fee	300
122	130	122 Petitions to the Commissioner	130
123	50	123 Petitions related to provisional applications	50
126	240	126 Submission of IDS	240
581	40	581 Recording each patent assignment per property (times number of properties)	40
146	710	246 Filing a submission after final rejection (37 CFR 1.129(a))	355
149	710	249 For each additional invention to be examined (37 CFR 1.129(b))	355
179	710	279 Request for Continued Examination (RCE)	355
169	900	169 Request for expedited examination of a design application	900
		Other fee (specify)	
		Other fee (specify)	

SUBTOTAL (3) (\$ 40)

*Reduced by Basic Filing Fee paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Bruce H. Bernstein

Reg. Number

29,027

Signature

Kesha J. Payman Reg. #6

Date 5/2/01

Deposit Account User ID

33,329